

Application No.: 10/791,696**Docket No.: 2336-250****AMENDMENTS TO THE SPECIFICATION:**

Please amend the title of the referenced application as follows:

**MULTI-CHANNEL OPTICAL ATTENUATOR ~~AND MANUFACTURING METHOD~~
THEREOF**

Please amend the paragraph on page 7, beginning at line 7 as follows:

To achieve these objects and other advantages and in accordance with the purpose of the invention, as embodied and broadly described herein, there is provided an optical attenuator which adjusts transmission amount of an optical signal inputted through an optical signal transmission line and outputs the optical signal, comprising: a silicon layer provided with a waveguide for transmitting the optical signal from the optical signal transmission line and an ~~activator~~ actuator formed at a predetermined portion thereof; a bonding medium layer provided with a cavity into which the waveguide is inserted, the bonding medium layer being bonded at a waveguide-formed face of the silicon layer; and a support layer attached to the bonding medium layer at an opposite face to a face where the bonding medium layer is bonded with a silicon substrate.

On page 8 before line 10, please insert the following new paragraph:

--In accordance with another aspect of the present invention, there is provided an optical attenuator for attenuating an optical signal being transmitted from a first optical signal transmission line to a second optical signal transmission line, the attenuator comprising: a moveable waveguide moveably disposed between the first and second optical signal transmission lines for transmitting the optical signal from the first to the second optical signal transmission lines; a silicon layer carrying the moveable waveguide on a surface thereof; a bonding medium layer having opposite first and second sides, the bonding medium layer having, on the first side, a cavity in which the moveable waveguide is received, the first side of the bonding medium layer being bonded to the surface of the silicon layer that carries the moveable waveguide; a support layer attached to the

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second side of the bonding medium layer; and an actuator formed in a predetermined region of the silicon layer for moving the moveable waveguide relative to the first and second optical signal transmission lines so as to attenuate the optical signal being transmitted.--

Abstract:

Please replace the current Abstract with the following replacement/new Abstract